Abstract

In developing a diagnosis system for detecting student’s learning problems, providing intellectual suggestions is helpful and powerful tool to improve the learning performance. However, it is difficult and time consuming for teachers to give personalized suggestions to each student, particularly when there are many students in class. To cope with this problem,
this study proposes concept-effect relationship model (CER) as a tool to identify the learning problem of students. Based on that, an intellectual learning guidance system has been proposed.

Reference

Improving Learning Performance by Providing Intellectual Suggestions


Index Terms

Computer Science

Intelligent Systems

Key words

Fuzzy set theory

Bayesian network

Concept-effect relationship model

learning guidance